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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Office of the Secretary Of Defense **Date:** March 2023

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| <b>Appropriation/Budget Activity</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)</i> | <b>R-1 Program Element (Number/Name)</b><br>PE 0603769D8Z I <i>Advanced Distributed Learning</i> |
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| COST (\$ in Millions)                          | Prior Years | FY 2022 | FY 2023 | FY 2024 Base | FY 2024 OCO | FY 2024 Total | FY 2025 | FY 2026 | FY 2027 | FY 2028 | Cost To Complete | Total Cost |
|------------------------------------------------|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element                          | 63.430      | 5.911   | 0.201   | 0.000        | -           | 0.000         | 0.000   | 0.000   | 0.000   | 0.000   | -                | -          |
| <i>776: Advance Distributed Learning (ADL)</i> | 63.430      | 5.911   | 0.201   | 0.000        | -           | 0.000         | 0.000   | 0.000   | 0.000   | -       | -                | -          |
| Quantity of RDT&E Articles                     | -           | -       | -       | -            | -           | -             | -       | -       | -       | -       | -                | -          |

**Note**

New Start (Y/N): No

Based on a Memorandum of Agreement between OUSD(P&R) and DHRA, the Advanced Distributed Learning (ADL) program is transferred to DHRA for oversight responsibilities from P&R to DHRA effective FY 2024. This agreement transfers funds encompassing Operation and Maintenance (O&M), Defense-Wide and Research, Development, Test and Evaluation (RDT&E) appropriations.

**A. Mission Description and Budget Item Justification**

This program supports the Department's initiative for Taking Care of People.

Advanced Distributed Learning (ADL) program is helping DoD evolve its distributed learning systems (e.g., online courses, smartphone-based learning, and DoD-wide enterprise systems for training and education). These improvements benefit DoD in several ways: (1) **EFFICIENCY:** Increase business systems' efficiency, saving time and resources, by eliminating duplications and developing shared services for digital learning technology and data. (2) **EFFECTIVENESS:** Improve the quality and efficiency of training/education delivery via online systems by developing modern technologies, integrated data systems, and associated learning science, ultimately impacting personnel readiness.

This program was originally established in response to Section 378 of Public Law 105-261, the National Defense Authorization Act for FY 1999. Other authorities were later provided through, for example, the Defense Planning Guidance. The ADL program directly supports all DoD Components, and as a leader in the field of distributed learning technologies, also coordinates with other Federal agencies, Allies, and Partners. This leads to the program's third benefit: (3) **INTEROPERABILITY:** It strengthens interagency, interorganizational, and multinational interoperability by developing shared distributed learning capabilities and policy and through leadership in DoD, Federal, and Coalition communities of practice.

The program's work falls into three interrelated categories: (A) Modernization, (B) Documentation, and (C) Coordination. The "modernization" work involves Advanced Technology Development (RDT&E subfield Advanced Technology Development 6.3) in technical areas such as e-learning, mobile learning, IT/data interoperability, learner data modeling and analytics, and associated learning science. These efforts inform the program's "documentation" work, including the authoring and upkeep of technical guidance and policy documents, such as DoD Instruction 1322.26 ("Distributed Learning") and software/data interoperability specifications. Finally, the documentation work drives "coordination" efforts, which consist of implementation support and interagency, interorganizational, and international (e.g., NATO) coordination.

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This program’s modernization investments are vetted through the Defense ADL Advisory Committee, a working group of military personnel and DoD/Federal civilians who formally represent their organizations’ distributed learning interests. These requirements are also aligned to DoD/Federal strategic direction, such as the DoD Digital Modernization Strategy, DoD and Federal Data Strategies, and Personnel and Readiness Strategy for 2030. They are also considered against emerging industry trends and technologies.

| <b>B. Program Change Summary (\$ in Millions)</b> | <u>FY 2022</u> | <u>FY 2023</u> | <u>FY 2024 Base</u> | <u>FY 2024 OCO</u> | <u>FY 2024 Total</u> |
|---------------------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget                       | 6.056          | 0.201          | 0.000               | -                  | 0.000                |
| Current President's Budget                        | 5.911          | 0.201          | 0.000               | -                  | 0.000                |
| Total Adjustments                                 | -0.145         | 0.000          | 0.000               | -                  | 0.000                |
| • Congressional General Reductions                | -              | -              |                     |                    |                      |
| • Congressional Directed Reductions               | -              | -              |                     |                    |                      |
| • Congressional Rescissions                       | -              | -              |                     |                    |                      |
| • Congressional Adds                              | -              | -              |                     |                    |                      |
| • Congressional Directed Transfers                | -              | -              |                     |                    |                      |
| • Reprogrammings                                  | -              | -              |                     |                    |                      |
| • SBIR/STTR Transfer                              | -0.145         | -              |                     |                    |                      |

**Change Summary Explanation**

Based on a Memorandum of Agreement between OUSD(P&R) and DHRA, the Advanced Distributed Learning (ADL) program is transferred to DHRA for oversight responsibilities from P&R to DHRA effective FY 2024. This agreement transfers funds encompassing Operation and Maintenance (O&M), Defense-Wide and Research, Development, Test and Evaluation (RDT&E) appropriations.

| <b>C. Accomplishments/Planned Programs (\$ in Millions)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u>FY 2022</u> | <u>FY 2023</u> | <u>FY 2024</u> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|
| <b>Title:</b> Advance Distributed Learning (ADL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5.911          | 0.201          | -              |
| <b>Description:</b> Advance Distributed Learning (ADL) program serves as the innovation hub for distributed learning across DoD and other government agencies. The ADL program supports DoD-wide initiatives for innovation, modernization, and advancement of online and mobile electronic training capabilities as well as associated enterprise-wide software/data services. Activities include advanced technology design and development, demonstrations, assessments, and associated policy stewardship. Results improve efficiencies and reduce costs, in part, by reducing time spent in face-to-face instruction, allowing more time for practical application and repetition, increasing interoperability (which enables discovery, retrieval, and reuse of distributed learning content), and researching and prototyping methods of distributed learning with superior motivational and learning outcomes. |                |                |                |
| <b>FY 2023 Plans:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                |                |

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| <b>C. Accomplishments/Planned Programs (\$ in Millions)</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|
| Based on a Memorandum of Agreement between OUSD(P&R) and DHRA, the Advanced Distributed Learning (ADL) program is transferred to DHRA for oversight responsibilities from P&R to DHRA. This agreement transfers funds encompassing Operation and Maintenance (O&M), Defense-Wide and Research, Development, Test and Evaluation (RDT&E) appropriations.                                                                                    |                |                |                |
| <b><i>FY 2023 to FY 2024 Increase/Decrease Statement:</i></b><br>Based on a Memorandum of Agreement between OUSD(P&R) and DHRA, the Advanced Distributed Learning (ADL) program is transferred to DHRA for oversight responsibilities from P&R to DHRA effective FY 2024. This agreement transfers funds encompassing Operation and Maintenance (O&M), Defense-Wide and Research, Development, Test and Evaluation (RDT&E) appropriations. |                |                |                |
| <b>Accomplishments/Planned Programs Subtotals</b>                                                                                                                                                                                                                                                                                                                                                                                          | 5.911          | 0.201          | -              |

**D. Other Program Funding Summary (\$ in Millions)**  
N/A

**Remarks**

**E. Acquisition Strategy**  
N/A